

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2004/000134

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/53,C12Q1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G01N ,C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

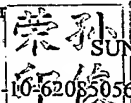
CNPAT,WPI,EPODOC,PAJ,NPL:antinuclear antibody(ANA),fibronectin(FN), recurrent spontaneous abortion(RSA),abortion,misscarrage,chromosome,chromosomal,detection

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Ogasawara,Mayumi;Aoki,Koji etal "Clinical significance of $\beta$ 2 glycoprotein I dependent Anticardiolipin antibody,lupus anticoagulant and antinuclear antibodies in patients with Recurrent miscarriages." REPRODUCTIVE IMMUNOLOGY OCT.1998,pages272-276 See the abstract	7-14,16-18

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 26.MAR.2004(26.03.2004)	Date of mailing of the international search report 29 · APR 2004 (29 · 04 · 2004)
Name and mailing address of the ISA/ 6 xitucheng Rd., Jimen Bridge,Haidian District, 100088 Beijing,China Facsimile No. 86-10-62019451	Authorized officer  SUN,Junrong Telephone No. 86-10-62085056

Form PCT/ISA /210 (second sheet) (January 2004)

BEST AVAILABLE COPY

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2004/000134

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO0242769A1 30.MAY.2002(30.05.2002) See all the document ,especially abstract	7-14,16-18
A	KANO,TAKASHI ETAL "The incidence of endometriosis and adenomyosis in patients with Habitual abortion in relation to immunological abnormalities." 1997,42(2),pages 113-118 See the abstract	7-14,16-18
A	JP9218202A 19.AUG.1997(19.08.1997) See all the document, especially abstract	7-14,16-18
A	DE2836362A 6.MAR.1980(06.03.1980) See the abstract	7-14,16-18
A	WO8300877A1 17.MAR.1983(17.03.1983) See the abstract	7-14,16-18
A	US5468619A 21.NOV.1995(21.11.1995) See all the document	7-14,16-18
A	US5281522A 25,JAN.1994(25.01.1994) See all the document	7-14,16-18

Form PCT/ISA/210 (continuation of second sheet ) (January 2004)

BEST AVAILABLE COPY

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2004/000134

**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1-6, 15  
because they relate to subject matter not required to be searched by this Authority, namely:  
Claims 1-6 relate to a method for diagnosing immunity recurrent spontaneous abortion, claim 15 relates to a method for monitoring therapeutic effect of immunity recurrent spontaneous abortion. All of the preceding claims relate to methods for the diagnosis or for the treatment of diseases, therefore not required to be searched by this Authority.
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

**Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on protest

☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2004)

BEST AVAILABLE COPY

## 国际检索报告

国际申请号

PCT/CN2004/000134

## A. 主题的分类

IPC 7 G01N33/53,C12Q1/00

按照国际专利分类表(IPC)或者同时按照国家分类和 IPC 两种分类

## B. 检索领域

检索的最低限度文献(标明分类系统和分类号)

G01N,C12Q,

包含在检索领域中的除最低限度文献以外的检索文献

在国际检索时查阅的电子数据库(数据库的名称, 和使用的检索词(如使用))

CNPAT,WPI,EPODOC,PAJ,NPL:antinuclear antibody(ANA), fibronectin(FN),recurrent spontaneous abortion(RSA),abortion,miscarriage,chromosome,chromosomal,detection

## C. 相关文件

类 型*	引用文件, 必要时, 指明相关段落	相关的权利要求
A	Ogasawara,Mayumi;Aoki,koji 等 “Clinical significance of $\beta$ 2 glycoprotein I dependent anticardiolipin antibody,lupus anticoagulant and antinuclear Antibodies in patients with recurrent miscarriages.” REPRODUCTIVE IMMUNOLOGY 1998 年 10 月, 272-276 页 参见摘要	7-14, 16-18
A	WO0242769A1 30.5 月 2002 (30.05.2002) 全文, 尤其摘要	7-14, 16-18

☒ 其余文件在 C 栏的续页中列出。☐ 见同族专利附件。

\* 引用文件的具体类型:

“A” 认为不特别相关的表示了现有技术一般状态的文件

“E” 在国际申请日的当天或之后公布的在先申请或专利

“L” 可能对优先权要求构成怀疑的文件, 为确定另一篇引用文件的公布日而引用的或者因其他特殊理由而引用的文件

“O” 涉及口头公开、使用、展览或其他方式公开的文件

“P” 公布日先于国际申请日但迟于所要求的优先权日的文件

“T” 在申请日或优先权日之后公布, 与申请不相抵触, 但为了理解发明之理论或原理的在后文件

“X” 特别相关的文件, 单独考虑该文件, 认定要求保护的发明不是新颖的或不具有创造性

“Y” 特别相关的文件, 当该文件与另一篇或者多篇该类文件结合并且这种结合对于本领域技术人员为显而易见时, 要求保护的发明不具有创造性

“&amp;” 同族专利的文件

国际检索实际完成的日期

26.3 月 2004 (26.03.2004)

国际检索报告邮寄日期

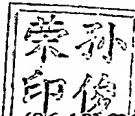
29.4 月 2004 (29.04.2004)

中华人民共和国国家知识产权局(ISA/CN)

中国北京市海淀区蓟门桥西土城路 6 号 100088

传真号: (86-10)62019451

授权官员



电话号码: (86-10)62085056

BEST AVAILABLE COPY

## 国际检索报告

国际申请号

PCT/CN2004/000134

## C(续). 相关文件

类 型	引用文件, 必要时, 指明相关段落	相关的权利要求
A	KANO,TAKASHI 等 “The incidence of endometriosis and adenomyosis in Patients with habitual abortin in relation to immunological abnormalities.” NIPPON FUNIN GAKKAI ZASSHI 1997,42(2),113-118 参见摘要	7-14, 16-18
A	JP9218202A 19.8 月 1997 (19.08.1997) 参见全文, 尤其摘要	7-14, 16-18
A	张少波 “抗核抗体的检测方法及其临床意义” 肾脏病与透析肾移植杂志 1995 年 10 月, 第 4 卷, 第 5 期, 495-497 参见全文	7-14, 16-18
A	DE2836362 6.3 月 1980 (06.03.1980) 参见摘要	7-14, 16-18
A	WO8300877A1 17.3 月.1983 (17.03.1983) 参见摘要	7-14, 16-18
A	US5468619A 21.11 月 1995 (21.11.1995) 参见全文	7-14,16-18
A	US5281522A 25.1 月 1994 (25.01.1994) 参见全文	7-14,16-18

PCT/ISA/210 表(第 2 页续页)(2004 年 1 月)

## 国际检索报告

国际申请号

PCT/CN2004/000134

## 第II栏 关于某些权利要求不能作为检索主题的意见(接第1页第2项)

按条约17(2)(a)对某些权利要求未作国际检索报告的理由如下:

1. ☒ 权利要求: 1-6, 15

因为它们涉及到不要求本国际检索单位进行检索的主题, 即:

权利要求1-6要求保护一种用于诊断免疫性反复自然流产的方法, 权利要求15要求保护一种监测免疫性反复自然流产治疗效果的方法, 上述权利要求是在人体或动物体上实施的诊断方法, 属于不需要国际检索单位进行检索的主题。

2. ☐ 权利要求:

因为它们涉及到国际申请中不符合规定的要求的部分, 以致不能进行任何有意义的国际检索, 具体地说:

3. ☐ 权利要求:

因为它们是从属权利要求, 并且没有按照细则6.4(a)第2句和第3句的要求撰写。

## 第II栏 关于缺乏发明单一性时的意见(接第1页第3项)

本国际检索单位在该国际申请中发现多项发明, 即:

1. ☐ 由于申请人按时缴纳了被要求缴纳的全部附加检索费, 本国际检索报告针对全部可作检索的权利要求。2. ☐ 由于无需付出有理由要求附加费的劳动即能对全部可检索的权利要求进行检索, 本国际检索单位未通知缴纳任何附加费。3. ☐ 由于申请人仅按时缴纳了部分被要求缴纳的附加检索费, 本国际检索报告仅涉及已缴费的那些权利要求。具体地说, 是权利要求:4. ☐ 申请人未按时缴纳被要求的附加检索费。因此, 本国际检索报告仅涉及权利要求中首次提及的发明; 包含该发明的权利要求是:

关于异议的说明: ☐ 申请人的异议书随附加检索费同时提交。

☐ 支付附加检索费时未提交异议书。

BEST AVAILABLE COPY